Title (en)

PLUG CONNECTOR MODULE

Title (de)

STECKVERBINDERMODUL

Title (fr)

MODULE DE CONNECTEUR ÉLECTRIQUE

Publication

EP 3622586 A1 20200318 (DE)

Application

EP 18726310 A 20180427

Priority

- DE 102017110368 A 20170512
- DE 2018100410 W 20180427

Abstract (en)

[origin: WO2018206048A1] For the improvement of the operator comfort of a plug connector modular system, a plug connector module (3') having a holding section and a deformation section is proposed, wherein the deformation section can be moved relative to the holding section in order in this way to assume a locking state and an unlocking state. The deformation section is embodied, in particular, in the form of spring-elastic locking tabs (36), which are suitable for latching the plug connector module (3') on a plug connector modular frame in a manner perpendicular to the plane of the frame. The holding section comprises, in particular, at each end face, two webs (321), by way of which the plug connector module (3') can be held in the plane of the frame, perpendicularly to the end faces (32) thereof in a secure and stable manner in the plug connector modular frame. By pressing together the locking tabs (36), the plug connector module (3') can be easily individually inserted into and withdrawn from the plug connector modular frame on the cable connection side. To unlock the plug connector module (3') on the plug side from the plug connector modular frame, which is, in particular, already installed in a plug connector housing, an unlocking tool (5') is provided.

IPC 8 full level

H01R 13/514 (2006.01); **H01R 13/518** (2006.01); **H01R 13/627** (2006.01); **H01R 13/74** (2006.01)

CPC (source: EP)

H01R 13/514 (2013.01); **H01R 13/518** (2013.01); **H01R 13/745** (2013.01); H01R 13/6273 (2013.01)

Citation (search report)

See references of WO 2018206048A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018206048 A1 20181115; CN 110651401 A 20200103; CN 110651401 B 20211022; EP 3622586 A1 20200318; EP 3622586 B1 20220706

DOCDB simple family (application)

DE 2018100410 W 20180427; CN 201880031071 A 20180427; EP 18726310 A 20180427